

LITERATURE CITED

BAKER, FRANK COLLINS

1930. The use of animal life by the mound-building Indians of Illinois. *Trans. Illinois Acad. Sci.* 22: 41 - 64.

MATTESON, MAX R.

- 1953 a. Fresh-water mussels used by Illinoian Indians of the Hopewell culture. *The Nautilus* 66: 130 - 138; 67: 25 - 26.

- 1953 b. Land-snail shells found in a kitchen midden of Illinoian Indians of the Hopewell culture. *Trans. Illinois Acad. Sci.* 46: 208 - 211.

1959. Snails in archaeological sites. *Am. Anthropologist* 61 (6): 1094 - 1096.

SMITH, ALLYN GOODWIN

1957. Snails from California caves. *Proc. Calif. Acad. Sci.* 4th Ser., 29 (2): 21 - 46; pls. 1, 2. (28 January)

NOTES & NEWS

The Department of Invertebrate Zoology of the California Academy of Sciences

BY

ALLYN G. SMITH

Associate Curator of Invertebrate Zoology
California Academy of Sciences
Golden Gate Park, San Francisco 18, California

THE DEPARTMENT OF INVERTEBRATE ZOOLOGY of the California Academy of Sciences in San Francisco has established a new repository for type specimens of marine, land, and freshwater invertebrates preserved in alcohol or formalin. The need for such action became apparent upon reactivation of the Department in July, 1960, with responsibility for the curation and systematic arrangement of the Academy's large and steadily growing collection of invertebrates, including a number of types.

Preserved invertebrate type specimens of both primary and secondary rank are deposited in the new type series. Types are numbered serially, regardless of phylum, beginning with No. 1. A detailed card catalogue is maintained covering all pertinent data including citations to publications. Cards are filed alphabetically, by species, and include references to case and tray location.

Larger invertebrate types are curated in accordance with department standards in suitable-sized glass containers with a hard, plastic (or other) closure and a thin polyethylene insert to inhibit evaporation. Smaller specimens will be: (a) sealed permanently in glass tubing

with a contained label; or (b) placed in standard containers in long-style shell vials plugged with cotton and placed into the containers upside down.

Microscope slide mounts relating to invertebrate types are filed separately in standard plastic slide boxes, 100 slides to a box. These are stored with the slides horizontal to prevent possible drifting of the mount. Mounted serial sections of a type animal, or a part of it, will carry a single file number that has been assigned to the rest of the animal, if preserved separately.

Recent mollusk types preserved dry will continue to be deposited in the Academy's Geology Type collection. Invertebrate types, other than mollusks, which are preserved dry, will be given special storage treatment.

Specialists in invertebrate phyla are invited to deposit type specimens in the Academy's Invertebrate Type Series. They can have the assurance that their material will be handled and stored with care, with adequate provisions for future safety and security. Specimens in this Type Series may be studied by experts and qualified students upon advance arrangement with the Department's Curator.

This work is aided by N. S. F. grant GB-1535.

A. M. U.

Pacific Division

THE SEVENTEENTH ANNUAL MEETING of the American Malacological Union, Pacific Division, is to be held this year June 18 to 21 (Thursday to Sunday), inclusive, at Asilomar Conference Grounds, Pacific Grove, California. Already the program is beginning to take shape: a film is promised, on shellfish management in Europe; and two paleontologists who are taking part in marine expeditions this winter and spring have agreed to report on their experiences in the Indian Ocean and the Galapagos Islands.